## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE      |  |  |  |  |
|---------------------------|----------|--------|-----------|--|--|--|--|
| FEE DETERMINATION         |          |        |           |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 7.     | 5 1-30-41 |  |  |  |  |
| FORMALITY REVIEW          | MA       | 83.0   | 01.02.01  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | •        |        |           |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

| _        |     |                |                         |             |                 |          |          |          |              |               |          | , ,        |      |          |              |         |          |            |              |          |          |            |          |                 | _            |                  | ,  |          |          |          |          |          |              |                 |                 |              |
|----------|-----|----------------|-------------------------|-------------|-----------------|----------|----------|----------|--------------|---------------|----------|------------|------|----------|--------------|---------|----------|------------|--------------|----------|----------|------------|----------|-----------------|--------------|------------------|----|----------|----------|----------|----------|----------|--------------|-----------------|-----------------|--------------|
| C        | lai | m              | Ĺ,                      | 1=          |                 | ا        | Date     | •        |              |               |          | ] [        | Cla  | im       |              |         |          |            | Da           | te       |          |            | , .      | $\dashv$        | <u> </u>     | lain             | ц. | -,       |          |          | Da       | ite      |              |                 |                 | _            |
| 1        | 1   | ᇹ              | 101                     | 5           |                 |          |          |          |              |               |          |            | 1    | 절        | 11/14/05     | 2       |          |            |              |          |          |            |          |                 |              | 17               | 3  |          |          |          |          |          |              |                 | Γ               |              |
| و ار     |     | ģ              | E                       |             |                 |          | İ        |          |              |               |          |            | Fina | Original | 11           | سيا     | ·        |            |              |          |          |            |          |                 | 200          | oioio<br>Jegiosi | 5  |          |          |          |          | 1        | 1            |                 | ĺ               |              |
|          | 4   | Ų,             | Ξ                       | 23          |                 | 4        | $\dashv$ | _        |              |               |          | 1          | Ī    | õ        | =            | થ       | Ί        | <u> </u>   | _            | ļ_       | <u></u>  | ļ          |          | ш               | ü            |                  |    |          | 1_       | _        | $\perp$  | ↓_       | $\perp$      | 丄               | L               | L            |
| L        | ŀ   | W              | 4                       | 2           |                 | _        | $\perp$  | _        |              | $\Box$        |          | ]          | _    | 51       | 9            | N       | ┖        | ┖          |              | <u> </u> | <u> </u> | L          | L        | Ш               | L            | 10               | _  |          | L        |          | ┸        |          | $\perp$      | 上               | L               |              |
| $\perp$  | ļ   | 2              | 1                       | 7           | Ш               | _        | _        | _        |              |               |          | 1          | _    | 52       | 1            | Ц       | L        | L          | <u> </u>     | L        |          |            |          | Ш               | L            | 10               |    | $\perp$  |          |          | $\perp$  | 1_       | ┸            | $\perp$         | L               | ┸            |
| L        | Ĺ   |                | 1                       | ,,,         | Ц               | $\perp$  | $\perp$  |          |              |               |          | ] [        |      | 53       | 1            | $\perp$ | L        |            |              | L        |          |            |          | $\perp \rfloor$ | L            | 10               | _  | 1        |          |          |          | L        |              |                 |                 |              |
| $\perp$  | 1   | 4              | 1                       | N           |                 |          |          | _        |              |               |          | ] L        | _    | 54       | 1            | 1       | <u> </u> | Ļ          | _            |          | L.       | L_         | L        |                 |              | 10               |    |          |          |          | $\perp$  |          | $\Box$       | $\Box$          | Γ               | I            |
| $\perp$  | 4   | 3              | U                       | 7           |                 | _        | 4        | _        |              | _             | $\perp$  | 1          | _    | 55       | 4            | Ц       |          | _          | <u> </u>     | <u> </u> | _        | L.         | _        | Ш               | L            | 10               |    | 1        | ┸        |          | 丄        | 1_       | $\perp$      | $\perp$         | L               | $\perp$      |
| <b>L</b> | 1   | Ğ              | J                       | 7           | $\sqcup$        | _        | 4        | 4        | _            | _             | $\perp$  | 1  -       |      | 56       | 4            | 1       | ╙        | _          |              |          | <u> </u> | <u> </u>   | _        | $\perp$         |              | 10               |    | 1        | ↓        | ╄        | ┸        | 1        | ↓_           | 丄               | L               | L            |
| L        |     | 7              | 1                       | ٢           | $\sqcup$        |          | 4        | 4        |              | _             | _        | ↓ L        | -    | 57       | 1            | 1       | <u> </u> | ļ          | <u> </u>     | ļ        | _        | _          | Ļ        | 1               | _            | 10               | _  | 1        | ╀.       | 4        | ┸        | ┺        | 1            | 丄               | L               | ┺            |
| -        | 4   | 9              | £                       | 2           | H               | _        | 4        | 4        | _            |               |          | Į ⊨        |      | 58       | _            | 1       | ļ_       | _          | <u> </u>     | <u> </u> | <u> </u> | _          | L        |                 | _ <u> </u> _ | 10               | -  | ↓        | ↓_       | Ŀ        | 1        | L        | _            | ┸               | L               | $\perp$      |
| L        |     |                | Ŧ                       | 2           | $\sqcup$        | 4        | $\dashv$ | 4        | _            | $\rightarrow$ |          | <b>↓</b>   | _    | 59       | Ť            | K       | <u> </u> | ļ          |              | _        | <u> </u> |            | Ļ        | $\perp$         | L            | 10               | _  | ↓_       | ļ        | $\perp$  | ┸        | ┺        | 1_           | ┺               | <u> </u>        | Ŀ            |
| $\vdash$ |     | 10             | R                       | 2           | $\sqcup$        | 4        | $\dashv$ | 4        |              |               |          | . ↓        |      | 2        | 00           | Ŋ       | L        | ╙          | _            | L        |          | _          | _        | Ш               | $\perp$      | 11               |    | ļ        | L        | ┸        |          | Ļ.,      | :            | 上               | Ļ               | ↓_           |
| $\vdash$ |     | 11             | $oldsymbol{\mathbb{L}}$ | 2           | $\sqcup$        | $\perp$  | _        | 4        |              | _             |          | 1          | _    | 61       |              |         | <u> </u> | <u> </u>   |              | _        |          | <u> </u>   | L        | Ш               | L            | 11               | -  | ↓_       | <b> </b> | ↓        | ┺        | Ļ        | ــــ         | 1_              | L               | 丄            |
| $\vdash$ | -   | 2              | £                       | 7           | H               | $\dashv$ | $\perp$  | $\dashv$ | _            | _             |          | <b>↓</b>   | _    | 62       | _            |         | ļ        | L          | _            | _        |          | <u>L</u> . | L.,      | 1               | $\perp$      | 11               | _  | 1-       | _        | 1        | $\perp$  | ▙        | ļ            | 丄               | L               | L            |
| -        |     | 13             | £                       | ٠           | $\vdash \vdash$ | +        | +        | 4        | -            |               |          | -          | -    | 63       | _            |         | _        | <u> </u>   |              | Ľ        | <u> </u> | ļ          | <u> </u> | $\sqcup$        | $\vdash$     | 11               |    | ↓_       | 1_       | $\perp$  | 1_       | 1        | 1            | 4               | $\vdash$        | 1            |
| 1        |     | 4              | 4                       | 2           | $\vdash \vdash$ | +        | +        | 4        | -            |               |          | -          | -    | 64       | _            |         | <u> </u> |            |              | <u> </u> | <u> </u> | -          | L.       | Н               | <u> </u>     | 11               |    | ↓_       | $\vdash$ | 1        | $\perp$  | L        | $\perp$      | lacksquare      | Ļ               | ╀            |
| $\vdash$ | _   | 15             | +                       | 7           | -               | -        | $\perp$  | 4        | -            | _             |          | l ⊢        | _    | 65       |              |         |          | ļ          | _            |          | _        | <u> </u>   |          | $\sqcup$        | $\vdash$     | 11               | _  | ــــ     | <u> </u> | 1        |          | ╙        | ļ            | ╄               | Ļ               | ╄            |
| $\vdash$ | -   | 6              | +                       | 2           | $\vdash$        |          | $\dashv$ | -        | 4            | $\dashv$      | -        |            |      | 66       |              |         | ļ        | -          | _            |          |          | L          | <u> </u> | Н               | $\vdash$     | 11               |    | ļ        | ┞-       | ↓_       | $\perp$  | $\vdash$ | <del> </del> | <del> </del>    | $oxed{igspace}$ | $\vdash$     |
| $\vdash$ | _   | 8              | +                       | +           | $\vdash$        | +        |          | +        | -            | $\dashv$      | +        | -          | -    | 67       | -1           |         | <u> </u> | <b> </b> i | _            | _        |          | Н          |          | $\sqcup$        | -            | 11               | -  | $\vdash$ | -        | -        | 1        | $\vdash$ | _            | ₩               | _               | ـ            |
| $\vdash$ | -   | $\rightarrow$  | +                       | 1           | 1               |          |          | $\dashv$ | -            | 4             | _        | <b>∤</b> ⊢ | _    | 88       | _            |         | ļ        |            | -            | H        |          |            |          |                 | <u> </u>     | 11               | -  | <b> </b> | ļ.,      | ╄        | _        |          | <del> </del> | 1               | _               | ــــ         |
| ⊢        | -   | 9              | 4                       | 1           | -:              | _        | _        | 4        |              | -             |          | -          | -    | 69       | $\dashv$     |         |          |            |              |          |          | _          | _        |                 | <u> </u>     | 11               | +- | _        | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ            | oxdot           | L               | ╙            |
| L        | -   | 20             | Ц                       | L           | Ĭ               | $\perp$  | $\perp$  | 4        | _            | _             | _        |            | -    | 70       |              |         |          |            |              | L.       |          |            | _        |                 |              | 12               | +- | _        | L        | <u>L</u> | <u> </u> | L        | <u> </u>     |                 | L               | L            |
| <u> </u> | -   | 21             | Н                       | 1           |                 | $\perp$  | _        | _        | 4            | _             |          | L          | -+-  | 71       | _            |         |          |            |              |          |          |            |          | Ш               | <u> </u>     | 12               | _  | _        | L        | L        | L        | <u> </u> | <u> </u>     |                 | _               | L            |
| ⊢        |     | 2              | Н                       | 1           |                 | 4        | 4        | 4        | _            | _             |          |            |      | 72       | _            |         |          |            |              |          |          |            |          |                 |              | 12               |    | _        | L        | ļ.,      | _        |          | <u> </u>     |                 |                 | L            |
| L        | -   | 23             | Н                       | L           | _               | -        | $\perp$  | 4        | _            | 4             |          |            | _    | 73       | _            | _       |          |            |              |          | _        | $\Box$     |          | Ш               | _            | 12               | 1  | _        | _        | _        |          | <u> </u> |              |                 | _               | L            |
| -        | +   | 24             | 44                      | 1           |                 | $\perp$  | 4        | 4        | _            | _             |          | <u> </u>   |      | 74       | _            | _       |          |            |              |          | _        | _          |          | Ш               | _            | 12               |    |          | <u> </u> |          |          | _        | _            | Ш               |                 | <u> </u>     |
| _        | +   | 5              | 4                       | 1           | -               | +        | -        | 4        | _            | -             | _        | <u> </u>   | _    | 75       | _            |         |          | _          |              |          | _        | _          |          |                 | ļ            | 12               | -  |          | <u>L</u> | _        | L        |          |              | Ш               | L.              | <u>_</u>     |
| $\vdash$ | 2   |                | 4                       | $\perp$     | _               | _        | _        | 4        | _            | _             |          | _          |      | 76       | 4            |         |          |            |              |          |          | _          |          | Ш               |              | 120              | _  |          | L        | _        | _        | L.       | <u>L</u>     | Ш               |                 | L_           |
| L        | 2   | _              | 4                       | Ļ           |                 | $\perp$  | $\perp$  | 4        | _            | -             | <u> </u> |            | -    | 77       | 4            |         |          |            |              |          | _        |            |          |                 |              | 12               | _  |          |          | <u> </u> |          | _        |              |                 | _               | L            |
| L        | 2   |                |                         | 7           | 4               | 4        | +        | 4        | _            | 4             | -        | <u> </u>   |      | 78       | _            |         |          | _          |              |          |          |            |          | Ш               |              | 12               |    | /        | L        | <u> </u> | ļ        | _        |              |                 |                 |              |
|          | 3   | <del>y</del> ) |                         | ٠           | -               | +        | 4        | 4        | 4            |               |          | _          | _    | 79       | -            | _       | _        |            | _            |          |          | _          |          | Ш               | ļ            | 129              | +  | $\perp$  |          | ↓_       | _        | L        |              |                 |                 | <u> </u>     |
| $\vdash$ |     |                | #1                      | 1           | -               | +        | +        | 4        | -            | $\dashv$      |          | <br> -     | -    | 80       | 4            | _       |          | -          | _            |          | _        |            | _        | $\square$       | <u> </u>     | 130              | -  |          | _        | _        |          | 2        |              |                 |                 | <u> </u>     |
| $\vdash$ | 3   |                | Н                       | 8           |                 | +        | +        | +        | $\dashv$     | -             | -        | <br> -     | -    | B1       | -            | _       | _        | $\dashv$   | $\dashv$     |          | -        |            | _        |                 | $\vdash$     | 13               | +- | _        |          | <u> </u> | L        |          |              | $\square$       |                 | <u> </u>     |
| <b>)</b> | Ğ   | 2              | H                       |             | +               |          | +        | +        | $\dashv$     | _             | -        | -          |      | 32       | 4            |         |          |            | -            |          |          |            |          | Н               | <u> </u>     | 13:              |    |          | _        | ⊢        | L        |          | Н            | Н               |                 | <u> </u>     |
| H        | K   | $^{*}$         | N                       | 7           | -+              | +        | +        | +        | -+           |               |          | -          | -    | 33       | +            | _       | -        |            |              |          |          | $\dashv$   |          |                 | -            | 13               |    | _        | _        | <u> </u> | <u> </u> |          | Н            | Н               |                 | H            |
| Η'       | 3   | 걸              | N                       | 7           | +               | +        | +        | +        | -            |               | +-       | -          |      | 35       | +            | -       | $\dashv$ | -          |              |          | 4        | -          | _        | $\dashv$        | -            | 13               | -  | $\vdash$ | _        |          | <u> </u> |          | $\vdash$     | $\dashv$        |                 | Н            |
| -        | 3   | 8              | N                       | 7           |                 | +        | +        | +        | +            |               | +        | -          | _    | 36       | 4            |         |          |            | -            | -        |          | $\dashv$   | $\dashv$ | _               | $\vdash$     | 13               |    |          | <u> </u> | -        | <u> </u> |          |              | $\vdash \vdash$ | _               | <del> </del> |
| -        | 3   | <del>}</del>   | 4                       | 5           | -               | +        | +        | +        | +            | +             | +        | <u> </u>   | -    | 37       | +            | -       |          | -          |              | -        | $\dashv$ | $\dashv$   | -        | $\dashv$        | -            | -                | -  |          | _        | $\vdash$ | $\vdash$ |          |              | $\dashv$        |                 | <del> </del> |
| $\vdash$ | 3   | Υ).            | Н                       | _           | -               | +        | +        | +        | +            | -             | $\dashv$ | -          |      | 38       | $\dashv$     | -       |          |            |              |          | $\dashv$ | $\dashv$   |          | -               | -            | 13               | +  | $\vdash$ |          | -        |          | _        | $\vdash$     | $\vdash$        |                 | $\vdash$     |
| -        | 3   | -              | Н                       | 쒸           | -+              | +        | +        | +        | $\dashv$     | +             | +        | <br>       | _    | 39       | +            |         |          | $\dashv$   |              |          |          | $\dashv$   | -        |                 |              | 138              | +  | $\vdash$ | L        | -        | -        | _        | $\vdash$     | $\dashv$        |                 | $\vdash$     |
| -        | -   | -              | Н                       | ان          | +               | +-       | +        | +        | +            | +             | +- $ $   | $\vdash$   | -    | -        | $\dashv$     |         |          | -          | $\dashv$     |          | -        |            | 4        | $\vdash$        | $\vdash$     | 139              | 1  | <u> </u> | <u> </u> | H        | H        |          |              |                 |                 | $\vdash$     |
|          | 4   |                | H                       | <u> </u>    |                 | +        |          | +        | +            | +             | +        | $\vdash$   | _    | 90       | -            | 4       |          | $\dashv$   |              |          | _        | $\dashv$   | 4        | _               | $\vdash$     | 140              | -  | L_       | _        | <u> </u> | L.       |          |              |                 | _               | Щ.           |
| <u> </u> | 4   | Д.             | 4                       | •           |                 | 4        | 4        | 4        | $\downarrow$ | $\perp$       | 44       | <u> </u>   |      | )1       | 4            | 4       | _        |            | 4            | _        |          | _          | _        |                 |              | 14               | -  |          |          | oxdot    |          |          |              |                 |                 | oxdot        |
| $\vdash$ | 4:  | 2              | Ø                       | 1           | _               | +        | +        | 4        | 4            | _             | $\bot$   | <br> -     |      | 2        | 4            | _       | _        | _          | _            | _        | _        | _          | _        | $\dashv$        | $\perp$      | 142              |    |          |          |          |          |          |              | ┙               |                 | L.           |
| <u> </u> | 4   | -              |                         | ٧           |                 | 4        | $\bot$   | 4        | $\downarrow$ | $\perp$       | 44       | _          |      | 3        | 4            | _       | _        | _          |              |          | _        | $\dashv$   | _        | $\perp$         | $\perp$      | 143              |    | $\Box$   |          |          |          |          |              |                 |                 | Ш            |
|          | _   | 4              | Ц                       | 2)          | _               | 1        | 4        | 4        | 4            | $\perp$       | $\dashv$ | <u> </u>   |      | 94       | 4            |         | _        | _          | 4            | _        | $\dashv$ | _          | _        | _               | _            | 144              |    | Ц        |          |          |          |          |              | $\perp$         |                 |              |
| <u> </u> | 4   | -              | $\sqcup$                | $\sqcup$    |                 | 4        | +        | +        | 4            | 4             | 44       | <u> </u>   | ┿┈   | 5        | _            | _       | _        | _          | 4            |          | $\dashv$ | _          | _        | _               |              | 145              |    |          |          |          |          |          |              | _               |                 |              |
|          | 4   | _              | H                       | H           |                 | +        | -        | 4        | +            | 4             | +        | -          |      | 96       | $\downarrow$ | 4       | -        |            | 4            |          | $\dashv$ |            | _        | _               |              | 146              | -  |          | _        | L.       |          | _        |              |                 | _               |              |
| L        | 4   |                | 1                       | $\parallel$ | 4               | +        | $\perp$  | 4        | 4            | 4             | 44       | <u> </u>   |      | 17       | 4            | _       | _        | _          | 4            | _        | _        | _          | 4        | _               |              | 147              |    |          |          |          |          |          |              | ightharpoonup   |                 |              |
| <u> </u> | 4   |                | H                       | 1           |                 | +        | +        | +        | +            | +             | +        | <u> </u>   |      | 8        | $\dashv$     | _       | 4        | _          | $\downarrow$ | $\dashv$ | 4        |            | _        |                 | _            | 148              | -  |          |          |          |          |          |              |                 | _               | _            |
| $\vdash$ | 4   | ٩,             | ,                       | 4           |                 | _        |          | +        | +            | _             | $\dashv$ |            |      | 9        | +            | _       | _        |            | 4            | _        | $\dashv$ |            | _        | _               | $\vdash$     | 149              |    |          |          | $\Box$   |          | _        | _            | _               |                 | _            |
| Щ        | 5   | U L            |                         | N           |                 |          |          | _        | ᆚ            | $\perp$       | لــــــا |            | [14  | 00       | _L           |         | ل        |            |              | [        |          |            | _1       |                 |              | 150              |    |          | $\Box$   |          |          |          |              |                 | i               |              |

If more than 150 claims or 10 actions staple additional sheet here